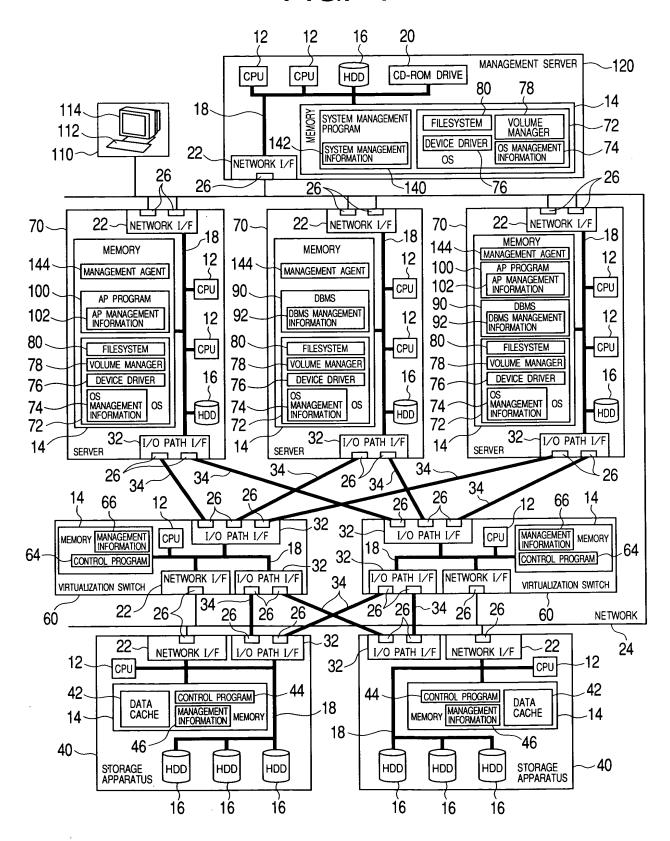
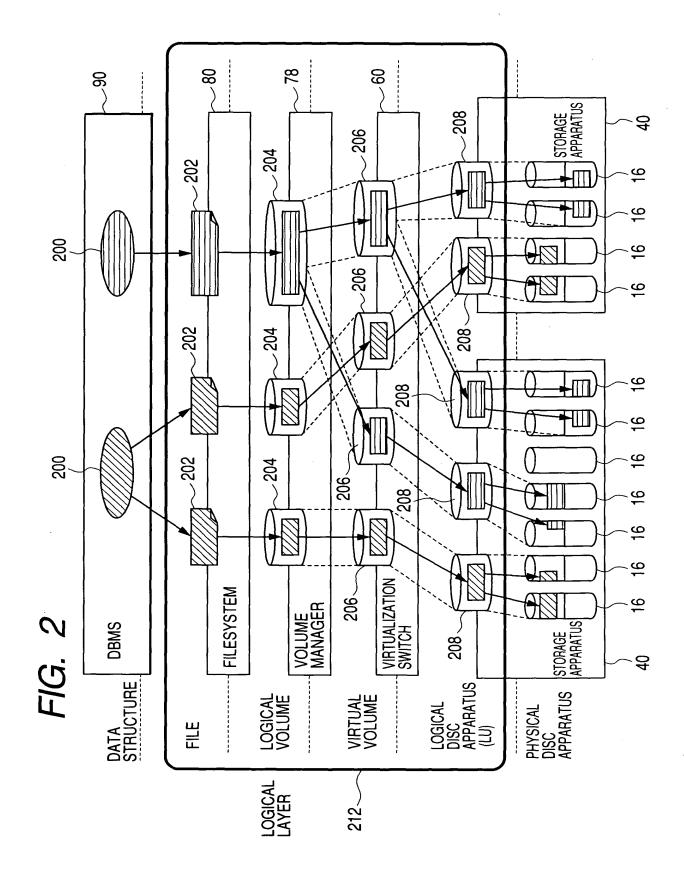
FIG. 1





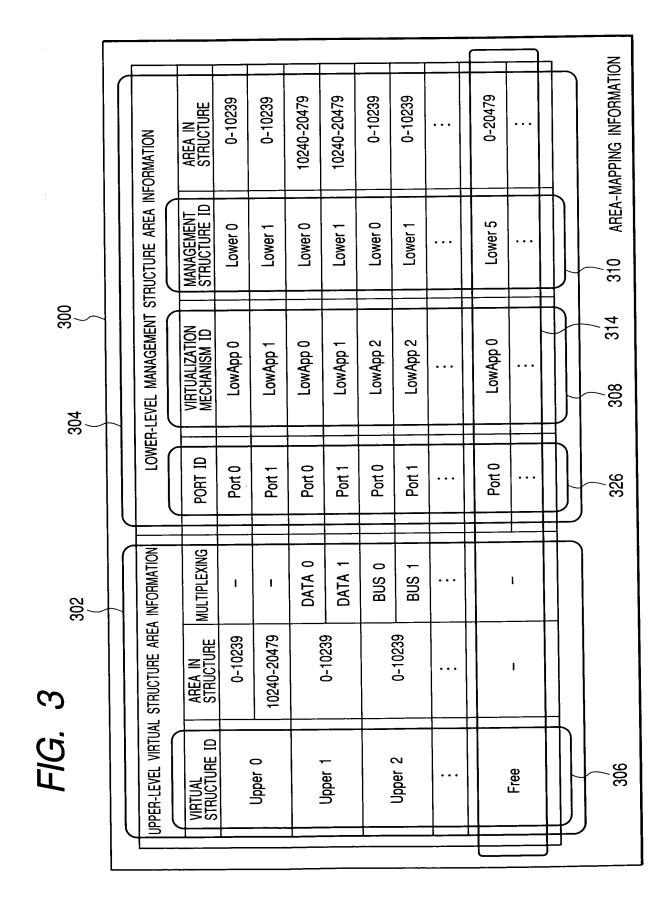


FIG. 4

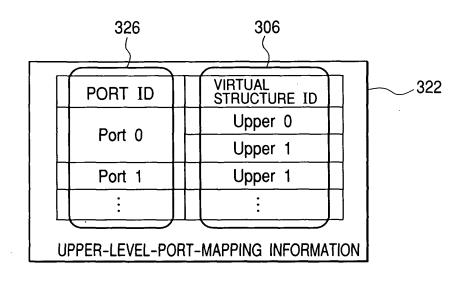


FIG. 5

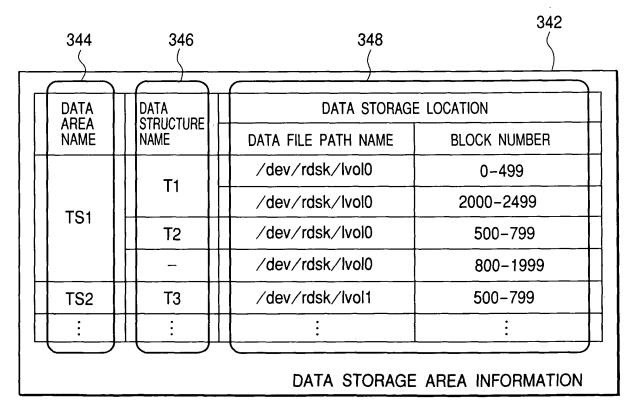


FIG. 6

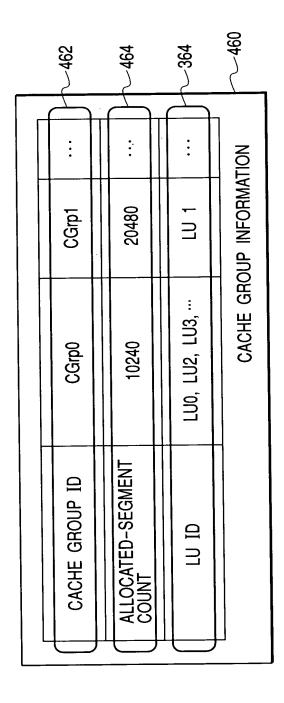


FIG. 7

REA	L PART GROU JNT	P		RTUAL F UNT: V	PAR	T GROUP	504	
	LU ID	LU 0		LU 1			•••	364
I,	O TYPE	Read	Write	Rea	d	Write	•••	366
EXEC	UTION JLATIVE COUNT	489789	78978	16879	9	789	•••	368
COUNT	REAL HIT TOTAL	138978	78978	4895	8	789	•••	370
	1st GROUP	0	-	342				
	2nd GROUP	2870	_	6869			•••	
CACHE-HIT CUMULATIVE	:	:	:					
SS S	(V+R)th GROUP	7987		4789		_		362
			CACH	IE MON	ITC	RED INFO	RMATION	
							<del></del>	7
	PORT ID	Str0-Por	t0 Str0-	Port0	S	tr0-Port1		384
	LU ID	LU 0	LL	U 1		LU 2		364
EXEC	UTION JLATIVE COUNT	2391739 3		90282		80128	•••	368
CUMULA DATA AN	CUMULATIVE TRANSFERRED DATA AMOUNT		19133812 678		6890 1282048		•••	386
		STO	RAGE PO	RT MON	IITC	DRED INFO	RMATION	382
<u></u>								
	HDD ID	HD DO	HD	D0		HD D1	•••	394
	LU ID LU 0		LL	LU 1		LU 2	•••	364
CUM	CUMULATIVE PROCESSING TIME		246887 687			747605		396
			HD	D MON	ITO	RED INFO	RMATION	392
			STORAG	E MON	ITO	RED INFO	RMATION	

FIG. 8

				7				
	PORT ID	Str0-Port0	Str0-Port2		H	∼384		
	INITIATOR PORT ID	Host0-Port1	Host1-Port0		){	<b>∼442</b>		
	MAXIMUM TRANSFERRED- DATA AMOUNT	1 (MB/s)	10 (MB/s)		){	~444		
	MAXIMUM I/O PROCESSING AMOUNT	300	500		}	~446		
PORT-THROUGHPUT-SETTING INFORMATION								

FIG. 9

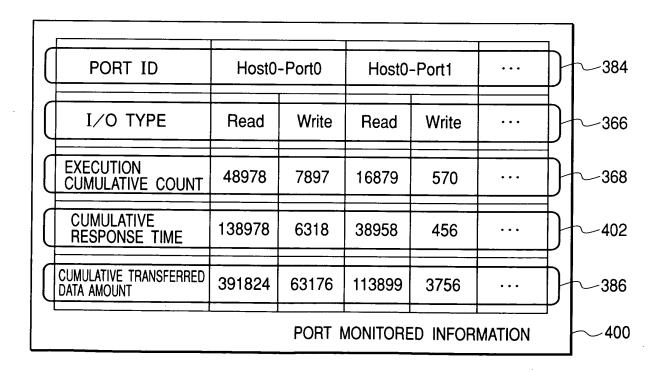
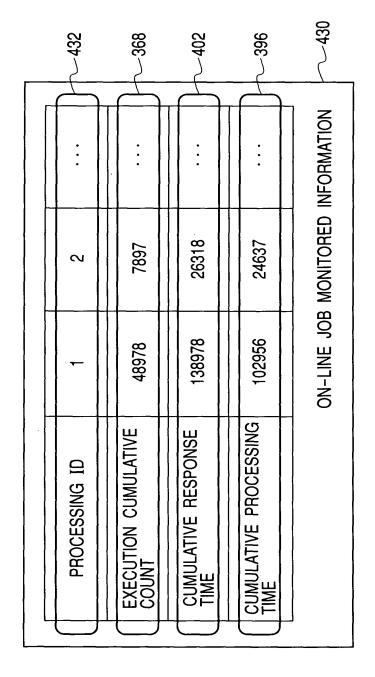


FIG. 10



610 919 612 -618 -572 -394 -614 -572 384 STORAGE PERFORMANCE INFORMATION PORT PERFORMANCE INFORMATION HDD PERFORMANCE INFORMATION : : : : : HDD20, HDD21,... Str0-Port0,... | Str1-Port0,... 7500IOPS 200MB/s Storage 1 Storage 1 0.8 4. 17 ω 2000IOPS 100MB/s Storage 0 HDD0, HDD1,... Storage 0 0.8 5.5 <del>7</del>. 2 MAXIMUM TRANSFERRED DATA AMOUNT MAXIMUM I/O PROCESSING AMOUNT ACCESS
PERFORMANCE WRITE HIT APPARATUS ID WRITE MISS READ HIT PORT ID APPARATUS ID HDD ID PORT PERFORMANCE INFORMATION

FIG. 12

514	516	518	~525	~524		·	520			510
										NOI N
						:	•	:	•••	NFOM/
Host0-Port0-LU0	TRANSFERRED CUMULATIVE DATA AMOUNT	'02/12/14 13:00:00 50298237893	AVERAGE TRANSFERRED DATA AMOUNT (MB/s)	'02/12/1 00:00:00~ 00:05:00 7.6	10.2	$02/12/1$ 00:05:00 $\sim$ 00:10:00	6.5	12.9	•••	MONITORED RECORD INFOMATION
Host0-Port0-LU0	EXECUTION CUMULATIVE COUNT	'02/12/14 13:00:00 7907209	RECORD CONTENTS AVERAGE EXECUTION COUNT	'02/12/1 00:00:00 00:05:00	203	'02/12/1 00:05:00~ 00:10:00	189	258		
EMBER 10	ONTENTS	ACQUISITION DATE/TIME ACQUIRED VALUE	CONTENTS	PERIOD	, ,	PERIOD	AVERAGE	MAXIMUM	•••	
MONITORED MEMBER ID	MONITORED CONTENTS	PREVIOUSLY ACCUIRED INFORMATION ACC		0 GRO		NFORMATION TO	00	38		
Ž	MONIT									

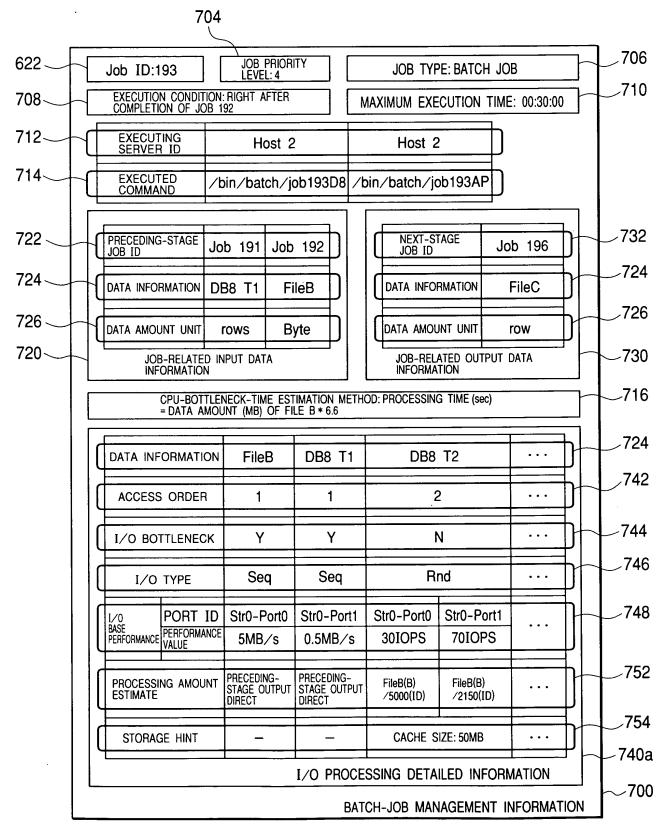
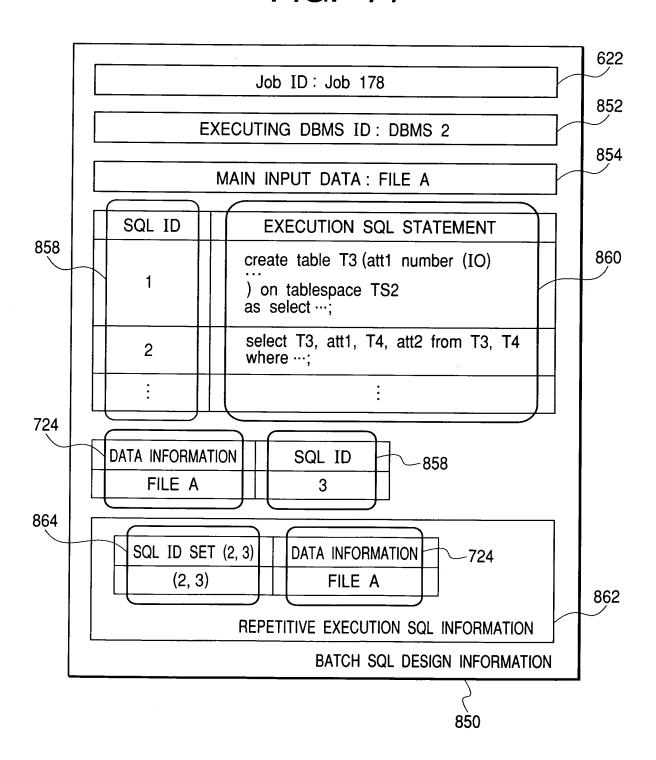


FIG. 14



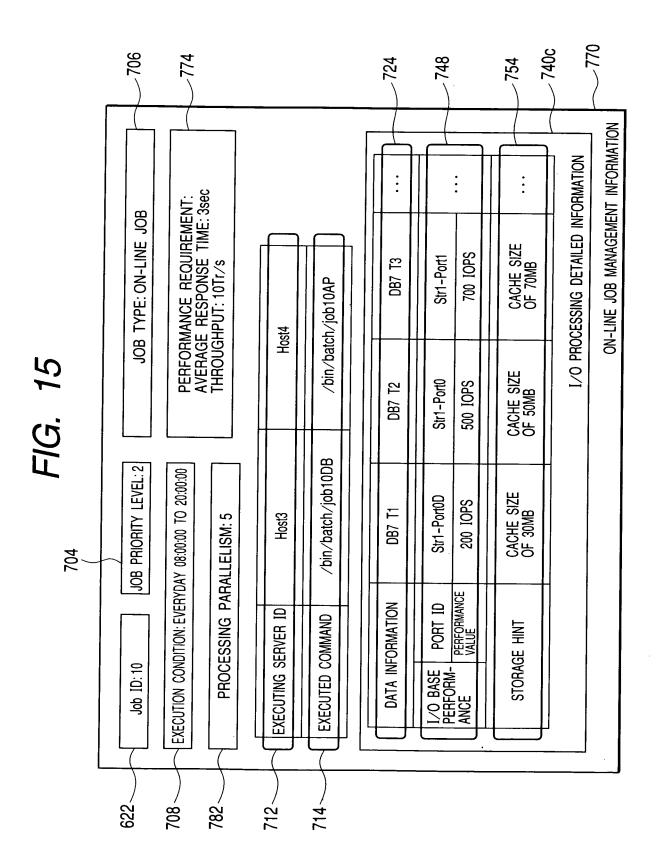
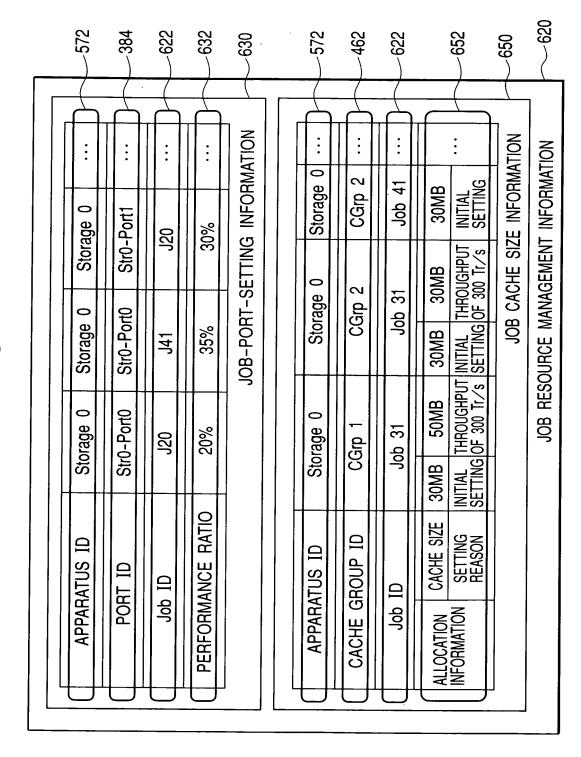


FIG. 16



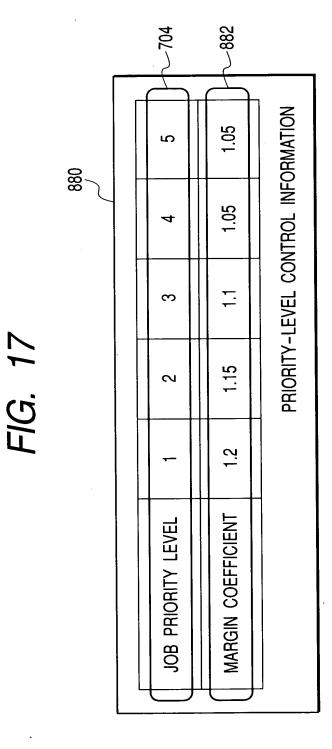


FIG. 18

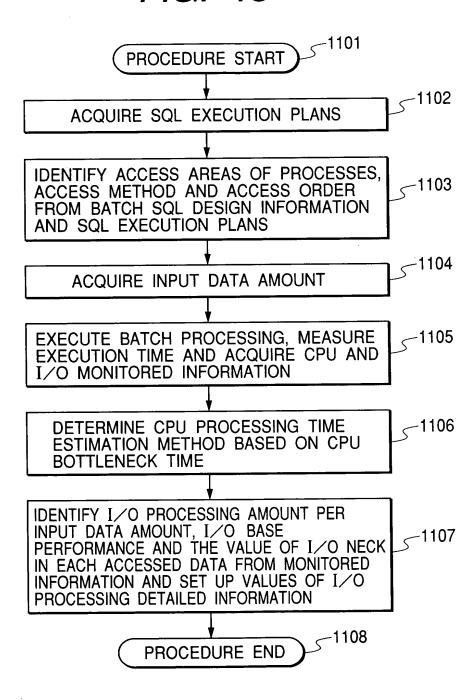
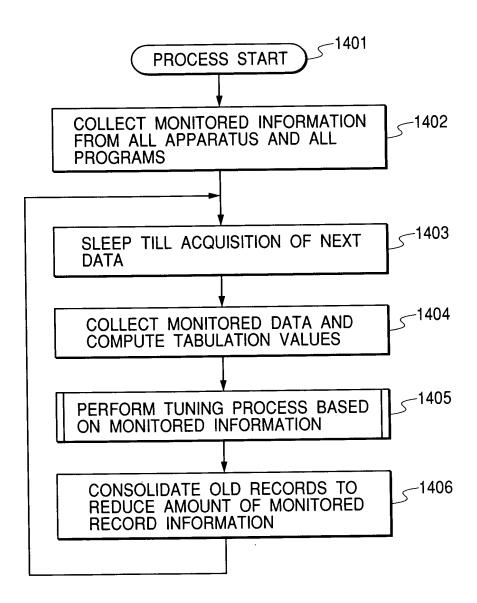


FIG. 19





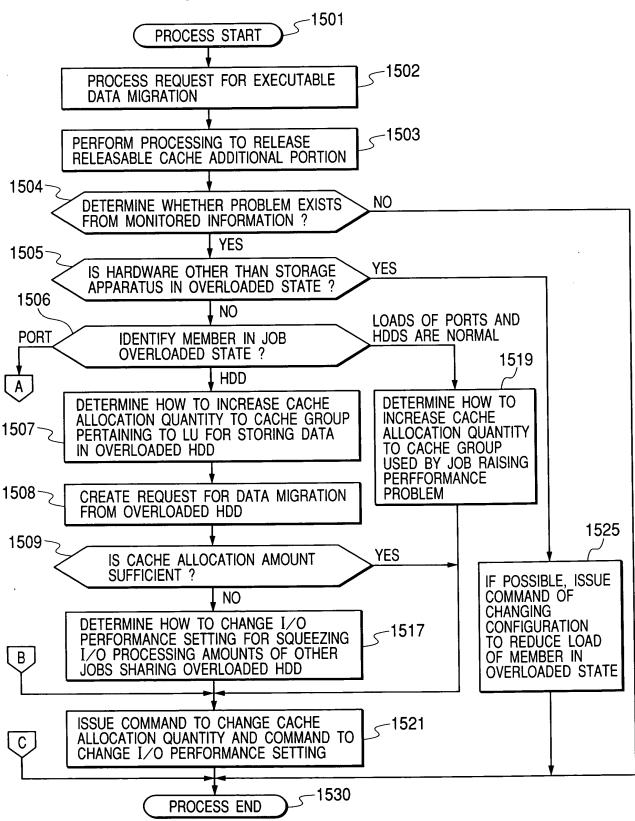


FIG. 21

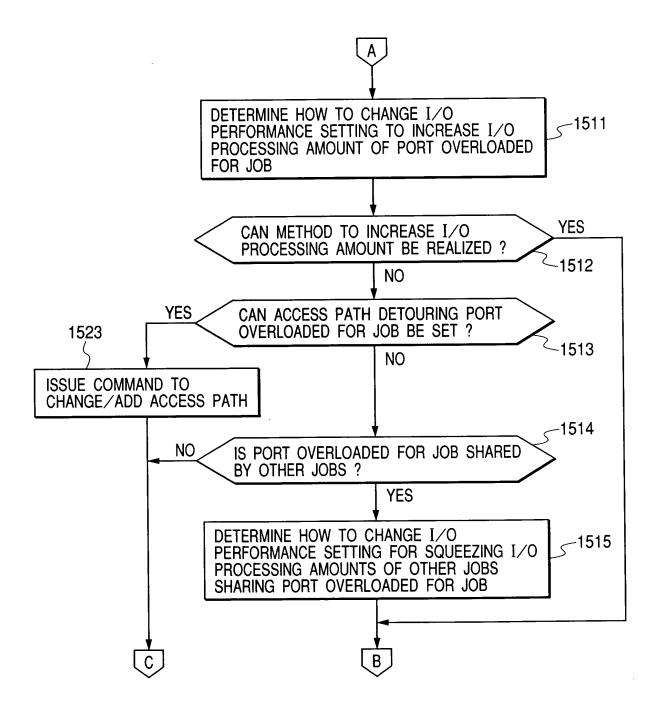


FIG. 22

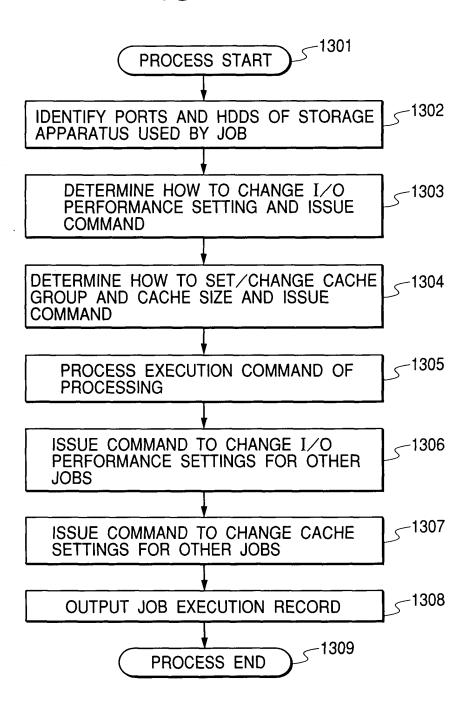


FIG. 23

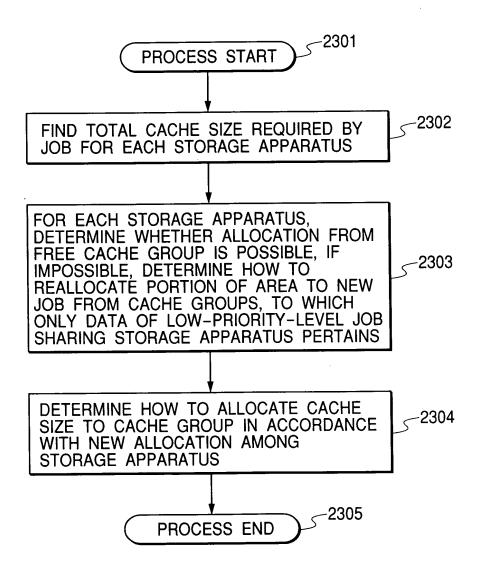
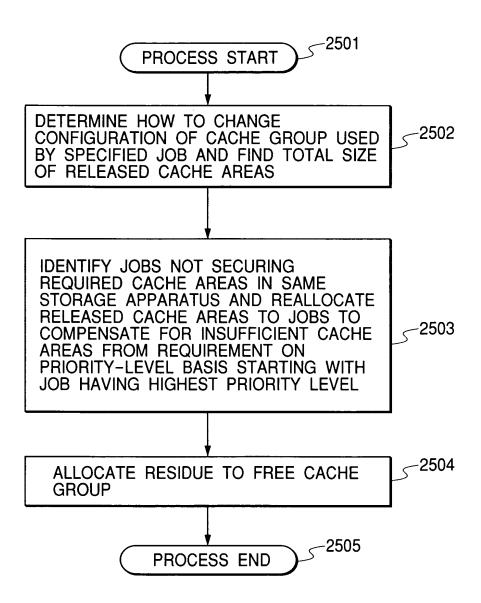


FIG. 24



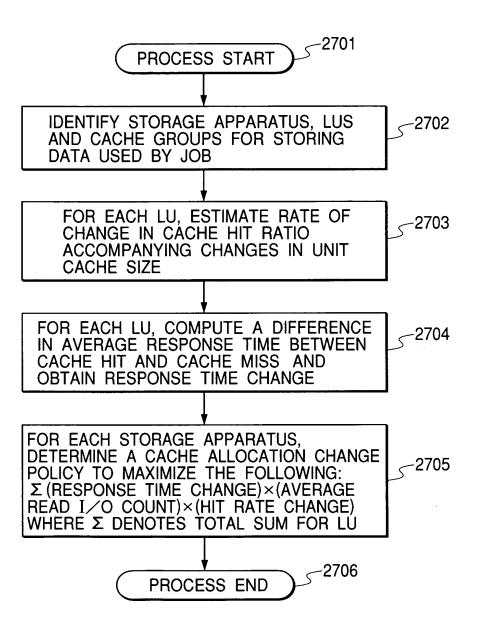


FIG. 26

